

Photographic elements containing a cyan dye-forming coupler, stabilizer and solvent

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Abstract of EP1191396

The invention provides a photographic element comprising at least one light-sensitive silver halide emulsion layer having associated therewith at least one cyan dye-forming coupler, UV absorber and (A) a stabilizer of formula (I) <CHEM> wherein R<1> is an unsubstituted or substituted alkyl or aryl group or a 5- to 10- membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted; Z is a hydrogen atom or a substituent group; X is a group selected from -SO₂-, -SO-, -COO-, -CO- and -CS-, W is one or more unsubstituted or independently substituted alkylene groups connecting the nitrogen atom to X, and p is 0 or 1; R<2> is a substituent group; or the groups represented by Z and R<2> can be joined to form a ring which may be substituted; and (B) a high-boiling solvent of formula (II) <CHEM> wherein R<3> is an unsubstituted or substituted alkyl or aryl group; and G is an unsubstituted or substituted alkyl group. The invention provides improved light and dark stability in a photographic element without degradation in hue or reactivity of the dyes therein.

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